Claims

WHAT IS CLAIMED IS:

1. A method comprising:

requesting identification of one or more objects in association with a capture of an image; and

receiving an identifier, responsive to the requesting operation, the identifier identifying an object in the image.

2. The method of claim 1 wherein at least one of the objects is an active object, and the identifier of the active object is received from the active object.

3. The method of claim 1 wherein at least one of the objects is a delegate object, and the identifier of the delegate object is received from another object.

4. The method of claim 1 further comprising:

capturing the image, wherein an image capture device performs the requesting, receiving, and capturing operations.

5. The method of claim 1 further comprising:

associating the identifier with the image.

6. The method of claim 1 further comprising:

extracting a model associated with the identifier from a model library.

7. The method of claim 1 further comprising:

extracting a model associated with the identifier from a model library; and

evaluating the image using the model to determine whether the object is in the image.

8. The method of claim 1 further comprising:

identifying a sub-portion of a model library based on the identifier.

9. The method of claim 1 further comprising:

identifying a sub-portion of a model library based on the identifier; and

evaluating the image using a plurality of models in the sub-portion of the model library to identify objects in the image.

10. The method of claim 1 further comprising:

associatively storing with the image one or more parameters relating to the object identified in the image.

11. A computer program product encoding a computer program for executing on a computer system a computer process, the computer process comprising:

requesting identification of one or more objects in association with a capture of an image; and

receiving an identifier, responsive to the requesting operation, the identifier identifying an object in the image.

12. The computer program product of claim 11 wherein at least one of the objects is an active object, and the identifier of the active object is received from the active object.

13. The computer program product of claim 11 wherein at least one of the objects is a delegate object, and the identifier of the delegate object is received from another object.

14. The computer program product of claim 11 wherein the computer process further comprises:

capturing the image, wherein an image capture device performs the requesting, receiving, and capturing operations.

15. The computer program product of claim 11 wherein the computer process further comprises:

associating the identifier with the image.

16. The computer program product of claim 11 wherein the computer process further comprises:

   extracting a model associated with the identifier from a model library.

17. The computer program product of claim 11 wherein the computer process further comprises:

   extracting a model associated with the identifier from a model library; and

   evaluating the image using the model to determine whether the object is in the image.

18. The computer program product of claim 11 wherein the computer process further comprises:

   identifying a sub-portion of a model library based on the identifier.

19. The computer program product of claim 11 wherein the computer process further comprises:

   identifying a sub-portion of a model library based on the identifier; and

   evaluating the image using a plurality of models in the sub-portion of the model library to identify objects in the image.

20. The computer program product of claim 11 wherein the computer process further comprises:

   associatively storing with the image one or more parameters relating to the object identified in the image.

21. A system comprising:

a signaling module coupled to a digital capture device requesting identification of one or more objects in association with a capture of an image; the signaling module further receiving an identifier identifying an object in the image, responsive to requesting identification.

22. The system of claim 21 wherein at least one of the objects is an active object, and the identifier of the active object is received from the active object.

23. The system of claim 21 wherein at least one of the objects is a delegate object, and the identifier of the delegate object is received from another object.

24. The system of claim 21 further comprising:

an image capture module capturing the image.

25. The system of claim 21 further comprising:

a registration module associating the identifier with the image.

26. The system of claim 21 further comprising:

a model extractor extracting a model associated with the identifier from a model library.

27. The system of claim 21 further comprising:

a model extractor extracting a model associated with the identifier from a model library; and

an object matching module evaluating the image using the model to determine whether the object is in the image.

28. The system of claim 21 further comprising:

a model extractor identifying a sub-portion of a model library based on the identifier.

29. The system of claim 21 further comprising:

a model extractor identifying a sub-portion of a model library based on the identifier; and

an object matching module evaluating the image using a plurality of models in the sub-portion of the model library to identify objects in the image.

30. The system of claim 21 further comprising:

an image storage module associatively storing with the image one or more parameters relating to the object identified in the image.

31. A method comprising:

receiving a request for identification from an image capture device;

collecting identification information associated with an active object; and

transmitting the identification information from the active object to the image capture device.

32. The method of claim 31 further comprising:

collecting identification information associated with a delegate object of the active object; and

transmitting the identification information associated with the delegate object from the active object to the image capture device.

33. A computer program product encoding a computer program for executing on a computer system a computer process, the computer process comprising:

receiving a request for identification from an image capture device;

collecting identification information associated with an active object; and

transmitting the identification information from the active object to the image capture device.

34. The computer program product of claim 33 wherein the computer process further comprises:

collecting identification information associated with a delegate object of the active object; and

transmitting the identification information associated with the delegate object from the active object to the image capture device.

35. A system comprising:

a detection module of an active object that receives a request for identification from an image capture device;

a collection module of the active object that collects identification information associated with the active object; and

a transmission module of the active object that transmits the identification information to the image capture device.

36. The system of claim 35 wherein the collection module further collects identification information associated with a delegate object of the active object and transmitting the identification information associated with the delegate object from the active object to the image capture device.